

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(plasma and (impedance same (harmonic\$2 with (resona\$4 or standing adj wave\$2))))).clm.	US-PGPUB; USPAT	OR	ON	2008/12/12 16:18
S1	1	"20040035365"	US-PGPUB; USPAT	OR	ON	2008/01/04 15:03
S2	1	"7030335".pn.	US-PGPUB; USPAT	OR	ON	2008/01/04 15:07
S3	40	plasma and (((return back \$5 reverse inverse) near4 (path impedance reactance capacitance current voltage potential)) same (harmonic\$2 same (amplif\$7 increase\$3 magnify\$7)))	US-PGPUB; USPAT	OR	ON	2008/01/04 15:15
S4	40	S3 and 2ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 15:13
S5	22	S3 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 15:16
S6	105	plasma and (((return back \$5 reverse inverse) near4 (path impedance reactance capacitance current voltage potential)) same harmonic\$2)	US-PGPUB; USPAT	OR	ON	2008/01/04 15:29
S7	52	S6 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 15:30
S8	30	S7 not S5	US-PGPUB; USPAT	OR	ON	2008/01/04 15:16
S9	800	(plasma\$2 discharge\$2 ioniz\$5 activat\$5) and (((return back\$5 reverse inverse) near4 (power path impedance reactance capacitance current voltage potential)) same harmonic\$2)	US-PGPUB; USPAT	OR	ON	2008/01/04 15:34
S10	538	S9 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 15:35
S11	486	S10 not S7	US-PGPUB; USPAT	OR	ON	2008/01/04 15:31
S12	486	S11 not S5	US-PGPUB; USPAT	OR	ON	2008/01/04 15:31

S13	3	S12 and (156/345.\$2 118/715-733 315/111.\$2). ccls.	US-PGPUB; USPAT	OR	ON	2008/01/04 15:33
S14	592	(plasma\$2 discharge\$2 ioniz\$5) and (((return back \$5 reverse inverse) near4 (power path impedance reactance capacitance current voltage potential)) same harmonic\$2)	US-PGPUB; USPAT	OR	ON	2008/01/04 15:59
S15	398	S14 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 16:24
S16	346	S15 not S7	US-PGPUB; USPAT	OR	ON	2008/01/04 15:35
S17	619	(plasma\$2 discharge\$2 ioniz\$5) and (((return back \$5 reverse inverse) near4 (power path impedance reactance capacitance current voltage potential)) same harmonic\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/04 15:59
S18	27	(plasma\$2 discharge\$2 ioniz\$5) and (((return back \$5 reverse inverse) near4 (power path impedance reactance capacitance current voltage potential)) same harmonic\$2)	EPO; JPO; DERWENT	OR	ON	2008/01/04 16:21
S19	3046	118/723.ccls. 156/345.41- 345.49.ccls. 315/111.21. ccls.	US-PGPUB; USPAT	OR	ON	2008/01/04 16:24
S20	2049	S19 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 17:04
S21	121	S20 and ((return back\$5 reverse) near (impedance power path reactance capacitance))	US-PGPUB; USPAT	OR	ON	2008/01/04 16:57
S22	4	S21 and (harmonic\$2 same resona\$5)	US-PGPUB; USPAT	OR	ON	2008/01/04 17:35
S23	12	("4824546"   "5110438"   "5187457"   "5653811"   "5660694"   "5747935"   "5849136"   "6046546"   "RE34106").PN. OR ("6631693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:47
S24	5	S23 and (harmonic\$2 same resona\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:50
S25	22	("3569846"   "4375051"   "4383203"   "4629940"   "4679007").PN. OR ("5187457").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:50

S26	6	S25 and (harmonic\$2 same resona\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:52
S27	15	S25 and (harmonic\$2 and resona\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:52
S28	9	S27 not S26	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 16:52
S29	15	S20 and (((return back\$5 reverse) near (impedance power path reactance capacitance)) and harmonic\$2)	US-PGPUB; USPAT	OR	ON	2008/01/04 16:58
S30	75	("3763031"   "3860507"   "4340456"   "4373581"   "4375051"   "4438368"   "4496448"   "4513022"   "4521286"   "4526643"   "4572759"   "4585668"   "4617079"   "4626312"   "4673589"   "4756810"   "4785962"   "4808258"   "4842707"   "4863549"   "4887005"   "4906898"   "4915979"   "4951009"   "5016564"   "5032202"   "5032205"   "5078851"). PN. OR ("5849136"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 17:04
S31	58	S30 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 17:49
S32	4	S31 and (harmonic\$2 with resona\$5)	US-PGPUB; USPAT	OR	ON	2008/01/04 17:05
S33	5	S21 and (harmonic\$2 same filter\$4)	US-PGPUB; USPAT	OR	ON	2008/01/04 17:49
S34	22	S20 and (harmonic\$2 with filter\$4)	US-PGPUB; USPAT	OR	ON	2008/01/04 17:51
S35	19	S34 not S33	US-PGPUB; USPAT	OR	ON	2008/01/04 17:39
S36	25	("4207137"   "4579618"   "4589123"   "4602981"   "4617079"   "4622094"   "4795529"   "4812712"   "4824456"   "4824546"   "4846920"   "4874494"   "4877999"   "4935661"   "4950376"   "4956043"   "4968374"   "4973883"   "5028847"   "5111111"). PN. OR ("5302882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 17:48
S37	22	S36 and @ad< "20020712"	US-PGPUB; USPAT	OR	ON	2008/01/04 17:49

S38	2	S37 and (harmonic\$2 same (filter\$4 resona\$5))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:50
S39	42	S20 and (harmonic\$2 same (filter\$4 resona\$5))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:51
S40	23790	(filter\$2 with resona\$4)	US-PGPUB; USPAT	OR	ON	2008/01/05 09:47
S41	42	S40 and 156/345.\$2.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/05 09:47
S42	1	"5849372".pn.	US-PGPUB; USPAT	OR	ON	2008/01/05 12:19
S43	29	("3617459"   "4096315"   "4451765"   "4566403"   "4664938"   "4933203"   "4937205"   "4948750"   "5272417"   "5273610"   "5289010"   "5387777"   "5453305"   "5513765"). PN. OR ("5849372"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 12:20
S44	19	S43 and @ad<"20020712"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 12:20
S45	3	S44 and (harmonic\$2 same (filter\$2 resona\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 12:21
S46	6	S44 and harmonic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 13:24
S47	3	annaratone.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 13:24
S48	1	"5272417".pn.	US-PGPUB; USPAT	OR	ON	2008/07/27 16:06
S49	276	(impedance near7 harmonic\$2) with resona\$4	US-PGPUB; USPAT	OR	ON	2008/07/27 16:54
S50	172	S49 and @ad<"20020712"	US-PGPUB; USPAT	OR	ON	2008/07/27 16:54
S51	1	S50 and (118/715-733 156/345.\$2).ccls.	US-PGPUB; USPAT	OR	ON	2008/07/27 16:55
S52	2	S50 and (204/192.\$2 "216"/\$ 315/111.\$2. "438"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2008/07/27 16:56
S53	9	S50 and plasma	US-PGPUB; USPAT	OR	ON	2008/07/27 16:57
S54	163	S50 not S53	US-PGPUB; USPAT	OR	ON	2008/07/27 18:23
S55	0	plasma and (impedance near7 harmonic\$2) with resona\$4	EPO; JPO; DERWENT	OR	ON	2008/07/27 18:37
S56	0	plasma and (impedance near7 harmonic\$2) and resona\$4	EPO; JPO; DERWENT	OR	ON	2008/07/27 18:38

S57	3	plasma and (impedance with harmonic\$2) and resona\$4	EPO; JPO; DERWENT	OR	ON	2008/07/27 18:39
S58	1	"7004107".pn.	US-PGPUB; USPAT	OR	OFF	2008/12/08 20:42
S59	1	"6041734".pn.	US-PGPUB; USPAT	OR	OFF	2008/12/08 20:57
S60	1	"20020007915"	US-PGPUB; USPAT	OR	OFF	2008/12/10 09:42
S61	1	"7042311".pn.	US-PGPUB; USPAT	OR	OFF	2008/12/10 09:44

12/ 12/ 2008 4:43:22 PM

H:\ Workspaces\ Etch\_ Impedance\_10615915A.wsp